Response To Notice To File Missing Parts Of Application Docket No. Filing Date Granted (PTO-1533)(Large Entity) 15436.98.1 In Re Application Of: **Paul Sung** Serial No. Filing Date Examiner **Group Art Unit** 10/698,831 Unknown October 20, 2003 Unknown Invention: AUTOMATIC DETECTION OF PRODUCTION AND MANUFACTURING DATA CORRUPTION TO THE COMMISSIONER FOR PATENTS: Mail Stop Missing Parts Completion of application fees as calculated below: ☐ Utility application filing fee Design application filing fee ☐ Total number of independent claims = ☐ Total number of claims = ■ Multiple dependent claims Surcharge for late payment of filing fee and/or late filing of original declaration or oath \$130.00 Petition and fee for filing by other than all the inventors or a person not the inventor ☐ Fee for processing an application filed with a non-English language specification ☐ Fee for processing and retention of application Total completion of application fees \$130.00 This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor. ☐ Five months ☐ Two months ☐ Three months ☐ Four months from: March 28, 2004 until: April 28, 2004 Date Date Total time extension fees \$110.00 Total fees due \$240.00

Response To Notice To File Missing Parts Of Application Filing Date Granted (PTO-1533) (Large Entity)

Docket No. 15436.98.1

In Re Application Of:

Paul Sung

Serial No. 10/698,831

Filing Date October 20, 2003

Examiner Unknown

Group Art Unit Unknown

Invention: AUTOMATIC DETECTION OF PRODUCTION AND MANUFACTURING DATA CORRUPTION

TO THE COMMISSIONER FOR PATENTS:

Mail Stop Missing Parts

The fee of

\$280.00

is to be paid as follows:

- A check in the amount of the fee is enclosed.
- The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 23-3178
- If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 23-3178

R. Burn Slud Signature

Dated: April 6, 2004

R. Burns Israelsen Attorney for Applicant Registration No. 42,685 Customer No. 022913

I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Kimberly Kendrick

Typed or Printed Name of Person Mailing Correspondence

CC:

Express Mailing Label No: EV 382938656 US

PATENT APPLICATION

Docket No: 15436.98.1

DECLARATION, POWER OF ATTORNEY, AND PETITION

I, Paul Sung, declare: that I am a citizen of the Canada; that my residence and post office

address is 18880 Bellgrove Circle, Saratoga, California 94070; that I verily believe I am the original,

first, and sole inventor of the subject matter of the invention or discovery entitled AUTOMATIC

DETECTION OF PRODUCTION AND MANUFACTURING DATA CORRUPTION for which a

patent is sought and which is described and claimed in the specification which was filed in the

United States Patent and Trademark Office as Serial No. 10/689,931 on October 20, 2003; that I

have reviewed and understand the contents of the above-identified specification, including the

claims, as amended by any amendment specifically referred to herein; and that I acknowledge the

duty to disclose information which is material to the patentability of this application in accordance

with Section 1.56(a) of Title 37 of the Code of Federal Regulations.

I declare further that all statements made herein of my own knowledge are true and that all

statements made on information and belief are believed to be true; and further that these statements

were made with the knowledge that willful, false statements and the like so made are punishable by

fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that

such willful, false statements may jeopardize the validity of the application or any patent issuing

thereon.

I hereby appoint as my attorneys and/or patent agents those listed under the following

Customer Number with full power to prosecute this application and to transact all business in the

Patent and Trademark Office connected therewith:

022913

Customer Number

1

All correspondence and telephonic communications should be directed to:

Eric L. Maschoff

Telephone: (801) 533-9800 Facsimile: (801) 328-1707

Wherefore, I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

Signed this <u>29th</u> day of <u>March</u>, 2004.

Inventor:____

18880 Bellgrove Circle

Paul Sung

Saratoga, California 94070-4567

KKK0000002489V001

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) (Large Entity)			Docket No. 15436.98.1
In Re Application Of: I	Paul Sung OAPR C 6 2004	Kalisa A	
Serial No.	Filing Data	Examiner	Group Art Unit
10/689,931	October 20, 2003	Unknown	2125
Invention: AUTOMAT	TIC DETECTION OF PRODUCTI	ON AND MANUFACTUR	RING DATA CORRUPTION
	he provisions of 37 CFR 1.136(a)		iling a response to the Office Action
Dat			
The requested extension One month	n is as follows (check time period o	,	months
from:	March 28, 2004	until: Api	ril 28, 2004
	Date	una	Date
☑ The Director is hereDeposit Account N☑ If an additional ext	ount of the fee is enclosed. reby authorized to charge any fee	e consider this a petition th sit Account No. 23-3178	or credit any overpayment, to
R. Burnelus	ignature	Dated: April 6	, 2004
R. Burns Israelsen Attorney for Applicant Customer No. 022913		on first class mail	this document and fee is being deposited with the U.S. Postal Service as I under 37 C.F.R. 1.8 and is addressed to the r for Patents, P.O. Box 1450, Alexandria, VA
8/2004 CCHAU1 00000014 106	689931	Signa	ture of Person Mailing Correspondence
C:1251	110.00 OP		
cc:			Kimberly Kendrick nted Name of Person Mailing Correspondence

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      g at position 10 = beta-L-Deoxynucleoside
<400> 85
                                                                      18
ctatctgacg ttctctgt
<210> 86
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 7
<223> g = beta-L-Deoxynucleoside
<400> 86
ctatctgacg ttctctgt
                                                                      18
<210> 87
<211> 18
<212> DNA
<213> Artificial Sequence
<223> modified linkage of oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 12
<223> t = beta-L-Deoxynucleoside
<400> 87
ctatctgacg ttctctgt
                                                                     18
<210> 88
<211> 18
<212> DNA
<213> Artificial Sequence
<223> modified linkage of oligodeoxynucleotide phosphorothioate
<221> modified base
\langle 222 \rangle (1)...(1\overline{8})
<223> all nucleotides = beta-L-deoxynucleoside
<400> 88
ctatctgacg ttctctgt
                                                                      18
<210> 89
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate
```

```
<221> modified_base
<222> 5
<223> c = 2'-O-Propargyl-ribonucleoside
<400> 89
ctatctgacg ttctctgt
                                                                     18
<210> 90
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 15
<223> c = 2'-0'Propargyl-ribonucleoside
<400> 90
ctatctgacg ttctctgt
                                                                     18
<210> 91
<211> 18
<212> DNA
<213> Artificial Sequence
<223> modified linkage of oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 4, 5
<223> a at position 4 = 1',2'-Dideoxyribose
      c at position 5 = 1',2'-Dideoxyribose
<400> 91
cctactagcg ttctcatc
                                                                     18
<210> 92
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified linkage of oligodeoxynucleotide phosphorothicate
<221> modified base
<222> 4, 5
\langle 223 \rangle a at position 4 = C3-Linker
      c at position 5 = C3-Linker
<400> 92
cctactagcg ttctcatc
                                                                     18
<210> 93
<211> 18
<212> DNA
```

```
<213> Artificial Sequence
<223> modified linkage of oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 4, 5
<223> a at position 4 = 3'-methoxyribonucleoside
     c at position 5 = 3'-methyoxyribonucleoside
<400> 93
                                                                 18
cctactagcg ttctcatc
<210> 94
<211> 18
<212> DNA
<213> Artificial Sequence
<223> modified linkage of oligodeoxynucleotide phosphorothicate
<221> modified base
<222> 4, 5, 12
t at position 12 = 2'-methoxyribonucleoside
<400> 94
                                                                 18
cctactagcg ttctcatc
<210> 95
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate
<400> 95
cctactaggc ttctcatc
                                                                 18
<210> 96
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 10
\langle 223 \rangle g = 7-deazaguanine
<400> 96
                                                                 18
ctatctgacg ttctctgt
<210> 97
<211> 18
```

```
<212> DNA
<213> Artificial Sequence
<220>
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 9
\langle 223 \rangle g = 7-deazaguanine
<400> 97
ctatctgagc ttctctgt
                                                                        18
<210> 98
<211> 18
<212> DNA
<213> Artificial Sequence
<223> modified oligodeoxynucleotide phosphorothioate
<400> 98
tctcccagcg tgcgccat
                                                                        18
<210> 99
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified_base
<222> 10,14
<223> g at positions 10 and 14 = 7-deazaguanine
<400> 99
                                                                        18
tctcccagcg tgcgccat
<210> 100
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified_base
<222> 5
\langle 223 \rangle c = C3-Linker
<221> modified_base
<222> 10
\langle 223 \rangle g = 7-deazaguanine
<400> 100
                                                                        18
ctatctgacg ttctctgt
```

```
<210> 101
<211> 18
<212> DNA
<213> Artificial Sequence
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 10
\langle 223 \rangle g = 6-thioguanine
<400> 101
ctatctgacg ttctctgt
                                                                         18
<210> 102
<211> 18
<212> DNA
<213> Artificial Sequence
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified_base
<222> 9
\langle 223 \rangle g = 6-thioguanine
<400> 102
ctatctgagc ttctctgt
                                                                         18
<210> 103
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 9
\langle 223 \rangle c = 4-thiouridine
<400> 103
ctatctgacg ttctctgt
                                                                         18
<210> 104
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified_base
<222> 5
\langle 223 \rangle c = 1,2-Dideoxyribose
<221> modified base
```

```
<222> 9
\langle 223 \rangle c = 4-thiouridine
<400> 104
ctatctgacg ttctctgt
                                                                        18
<210> 105
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 9
\langle 223 \rangle c = Ara-C
<400> 105
ctatctgacg ttctctgt
                                                                        18
<210> 106
<211> 19
<212> DNA
<213> Artificial Sequence
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 10
<223> c = Ara-C
<400> 106
ctactctgac cttctctgt
                                                                        19
<210> 107
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 9
\langle 223 \rangle c = 1',2'-Dideoxyribose
<400> 107
ctatctgacg ttctctgt
                                                                       18
<210> 108
<211> 18
<212> DNA
<213> Artificial Sequence
<223> modified oligodeoxynucleotide phosphorothioate
```

```
<221> modified base
<222> 8
\langle 223 \rangle a = 1',2'-Dideoxyribose
<400> 108
                                                                         18
ctatctgacg ttctctgt
<210> 109
<211> 18
<212> DNA
<213> Artificial Sequence
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 6
\langle 223 \rangle t = 1',2'-Dideoxyribose
<400> 109
                                                                         18
ctatctgacg ttctctgt
<210> 110
<211> 18
<212> DNA
<213> Artificial Sequence
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 4
\langle 223 \rangle t = 1',2'-Dideoxyribose
<400> 110
ctatctgacg ttctctgt
                                                                         18
<210> 111
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> modified oligodeoxynucleotide phosphorothioate
<221> modified base
<222> 11
\langle 223 \rangle t = 1',2'-Dideoxyribose
<400> 111
ctatctgacg ttctctgt
                                                                         18
<210> 112
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
```

<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 13
<223> c = 1',2'-Dideoxyribose

<400> 112
ctatctgacg ttctctgt

18